



# Draft 2019-2024 Six-Year Transportation Improvement Plan

Briefing to BOCC, 10/01/18 presentation  
by Jefferson County Public Works

Monte Reinders, PE  
Public Works Director  
County Engineer

Eric Kuzma  
Engineering Services Manager  
Asst. Public Works Director

Wendy Clark-Getzin, PE  
Transportation Planner



# Purpose

Publicly make available a county-wide programmatic plan for not less than 6 years for a coordinated transportation system based on a realistic assessment of the availability of funds to Jefferson County Public Works.



# Required

Adopted with a Public Hearing and Annual Construction Program

Priorities Considered

How Funding is Anticipated; Secured or Planned

Consistent with Comprehensive Plan and Policies

Non-Motorized Transportation Included

Regionally Significant Projects Identified

Project Array

Include Bridges and Other Transportation Facilities Conditions Report



# Influence

Funding Types, Predictability and Readiness  
Condition of Infrastructure, Soils, Fish Passages  
Local Funding Leverage and Sufficiency  
Rising Maintenance Costs  
Loss of Federal Lands Timber Revenue  
Retaining a Roads Fund Reserve  
Urban Growth Area  
Public Input  
What should get done in the 6 next years

## Past Accomplishment

### **Upper Hoh Road**, MP 7.89 to 7.95 Emergency Road Repair

Reconstructed a damaged 300-ft. road section with drainage infrastructure, pavement and guardrail to permanently repair a November 2017 washout.

Completion: October, 2018

Total Funding	\$373,889
State (RAP-ER)	\$336,500
Local	\$37,389





## Past Accomplishment

**Dosewallips Road**, MP 1.60 - 1.75  
Permanent Road Repair  
2018-2023 Adopted TIP  
TIP Priority Array #1

Reconstructed a damaged 0.15 mile road section with curbs, drainage infrastructure and guardrail to permanently repair a landslide.

Substantial Completion: May, 2018

Total Funding	\$160,000
State (RAP)	\$141,000
Local	\$15,700





# Past Accomplishment

## West Uncas Road Bridge Construction Salmon Creek

2018-2023 Adopted TIP  
TIP Priority Array #5

Corrected deteriorated culvert on a  
Summer Chum stream. In-water work  
completed August 2018.  
Anticipated Substantial completion,  
December 2018

Total Cost	= \$1,175,918
SRFB (state)	= \$934,272
NFPP (fed)	= \$126,000
Local	= \$115,646



# Past Accomplishment

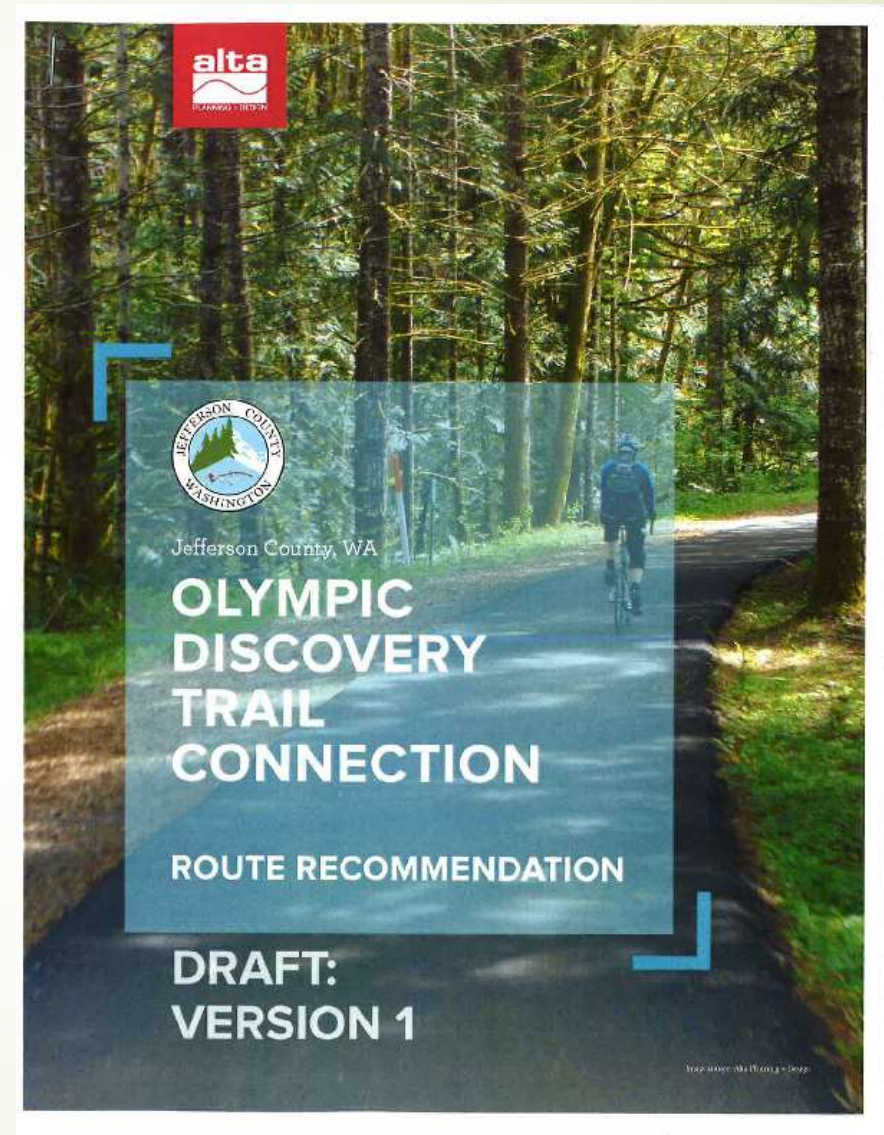
## Olympic Discovery Trail

### South Discovery Bay – Segment B to Larry Scott Trail

2018 – 2023 Adopted TIP  
TIP Priority Array #6

Planning and Pre-design Phase to  
select a preferred alignment and  
prepare a Right-of-Way Plan.  
Milestone complete, December 2018

Total RCO Funds = \$1,000,000





# TIP Priority Array 2019 - 2024

Top 7 projects with secured funding.

Three pending projects ready for the Legislative Session.

Pending Legislative Approval of Program Funding Staff Recommended	
11	<p><b>41870 MP 4.71</b> <b>Thorndyke Road Culvert Replacement - Thorndyke Creek</b> Replace culverts at Thorndyke Creek with fish-passable crossings. Total = \$1,808,313 (Planning and Restoration)</p>
12	<p><b>51410 MP 2.59 and 51750 MP 1.82</b> <b>West Valley Road Culvert Replacement - Naylor's Creek</b> <b>Gibbs Lake Road Culvert Replacement - Naylor's Creek</b> Replace culverts at Naylor Creek with fish-passable crossings. Total = \$1,098,850 (Planning and Restoration)</p>
13	<p><b>63710 MP 0.00 - 0.46</b> <b>Cedar Avenue &amp; Ness' Corner Rd (SR 116) Ped-Bike</b> "Safe Routes to School" project includes ped/bike safety improvements including installation of sidewalks, crosswalks, bike lanes, &amp; RRFB. Total = \$858,490</p>

TIP PROJECT NO.	PROJECT IDENTIFICATION A. Road Log Number - Bridge Number B. Beginning and End Milepost C. Project / Road Name D. Description of Work E. Total Cost (incl. prior/future)
1	<p><b>91420 MP 0.00 to MP 12.04</b> <b>Upper Hoh Road Phase 2 - FLAP Project</b> Matching funds for infrastructure protection projects performed by Western Federal Lands division of FHWA. Total = \$13,966,000 M (FFY2013 Federal Lands Access Program funds)</p>
2	<p><b>US 101 &amp; multiple county roads MP 294.6 to MP 295.0</b> <b>Quilcene Complete Streets - Phase 1</b> Pedestrian and bicycle improvements involving: US 101, county roads; crosswalk improvements, traffic calming, lighting &amp; separated paths. Connects school, community center &amp; commercial. Total = \$884,165</p>
3	<p><b>60150 MP 3.20 to MP 4.56</b> <b>South Discovery Road Pavement Preservation</b> 2R Project (Resurface &amp; Restore): Pavement preservation project to preserve the roadway structure, improve ride quality and safety. Total = \$500,000</p>
4	<p><b>850200</b> <b>ODT - Discovery Bay to Larry Scott Trail Connection</b> Complete a preferred route report, begin PS&amp;E development, SEPA, and right-of-way appraisal and acquisition. Total = \$1,000,000 (Planning and Right of Way)</p>
5	<p><b>151009 MP 0.90 to MP 2.185</b> <b>Undi Road Bypass - FLAP Project</b> Matching funds for preservation project performed by Western Federal Lands division of FHWA to preserve access to ONP and ONF. Total = \$2,001,815 (FFY 2016 Federal Lands Access Program funds)</p>
6	<p><b>93150 MP 14.61 to MP 15.01</b> <b>Quilcene Center Rd Rebuild</b> 2R Project (Resurface &amp; Restore): Project will remove and replace multiple layers of deteriorating asphalt pavement. Total = \$710,000</p>
7	<p><b>91420 MP 0.00 to MP 12.04</b> <b>Upper Hoh Road Pavement Preservation - FLAP project</b> Pavement preservation and safety improvements along entire length of county road to Olympic National Park Boundary/Hoh Rain Forest. Total = \$1,975,673 (2018 Federal Lands Access Program + RAP funds)</p>

# By Project Category

example projects with secured and anticipated funding in 2019

## Road & Intersection Improvements

Upper Hoh Road Resurfacing Preservation

South Discovery Road Pavement Preservation

Quilcene Center Road Pavement Preservation

Undi Rd Bypass FLAP Project

## Culvert & Bridge Replacement/Repair

Thorndyke Road Culverts Replacement

West Valley Road Culvert Replacement

Gibbs Lake Road Culvert Replacement

## Non-Motorized Transportation

Quilcene Complete Streets Phase 1, and

ODT – Connection, Planning + ROW

Cedar Avenue Pedestrian Bike Improvements

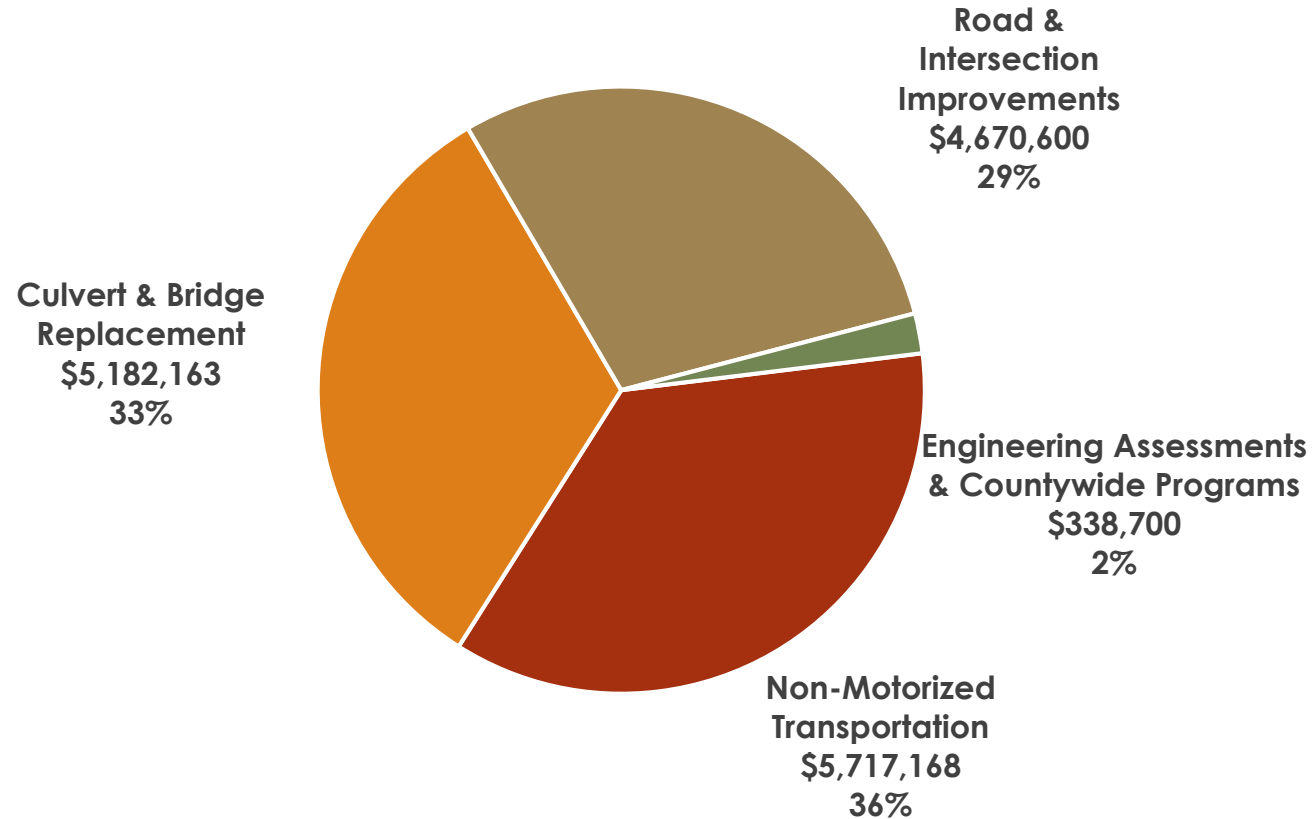
## Engineering Assessments & Countywide Programs

Bridge Load Rating Assessment

Oil City Road Engineering Assessment

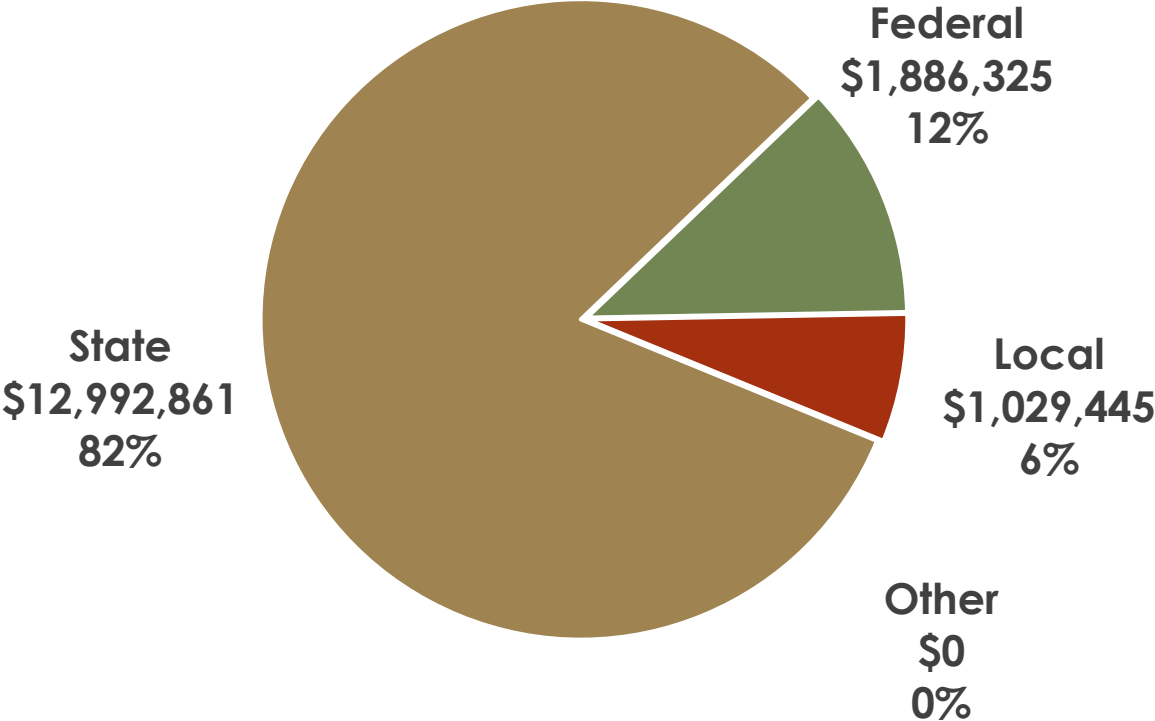


## 2019-2024 Six-Year TIP By Project Category

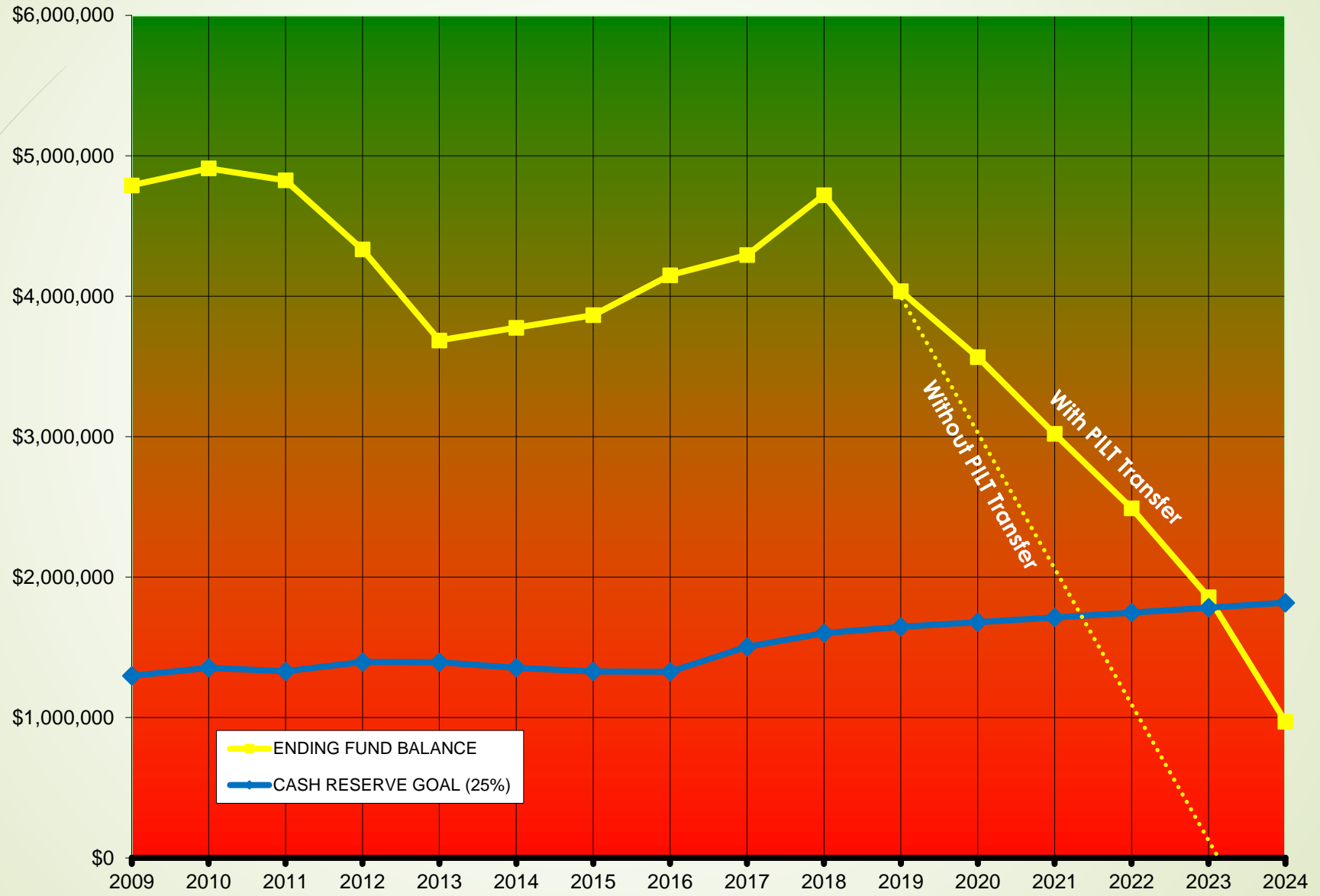




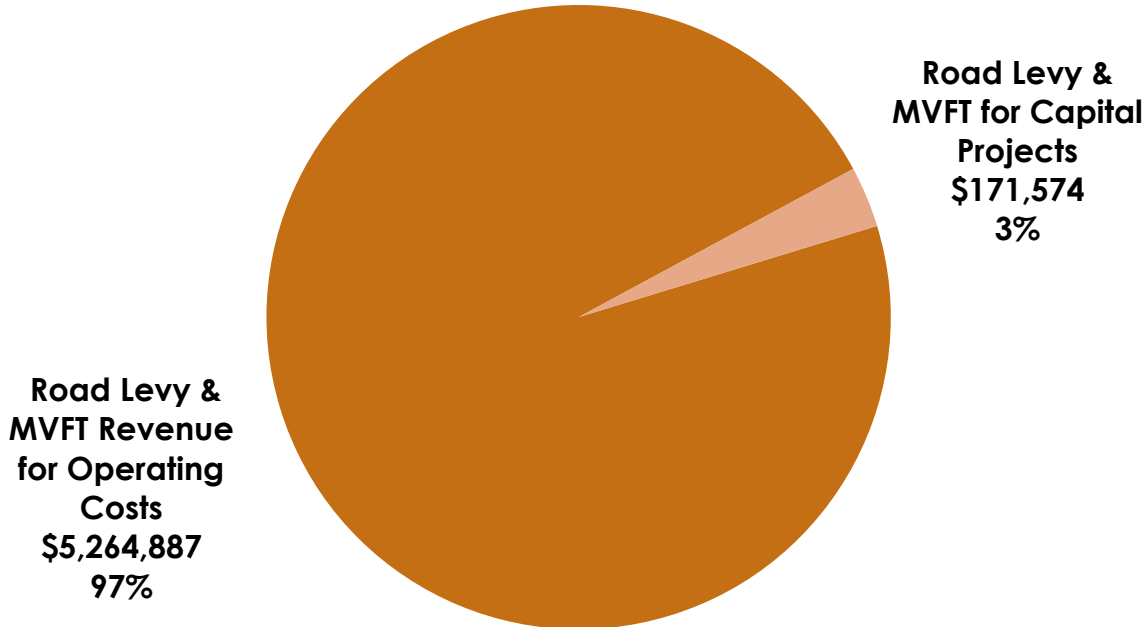
# 2019-2024 Six Year TIP Funding By Revenue Source, (total \$,%)



# 2019-2024 Six-Year County Road Fund Projections



# % Average Annual Road Fund Revenue Used on Capital Projects



Average Annual Road Fund Revenue = \$5,436,461



# Updated Bridge Condition Report

## Jefferson County Master Inventory

Total # of Bridges with Federal Inspection = 32

Total # of Permanently Closed Bridges = 2

Total # of Active Bridges = 34 incl. pedestrian

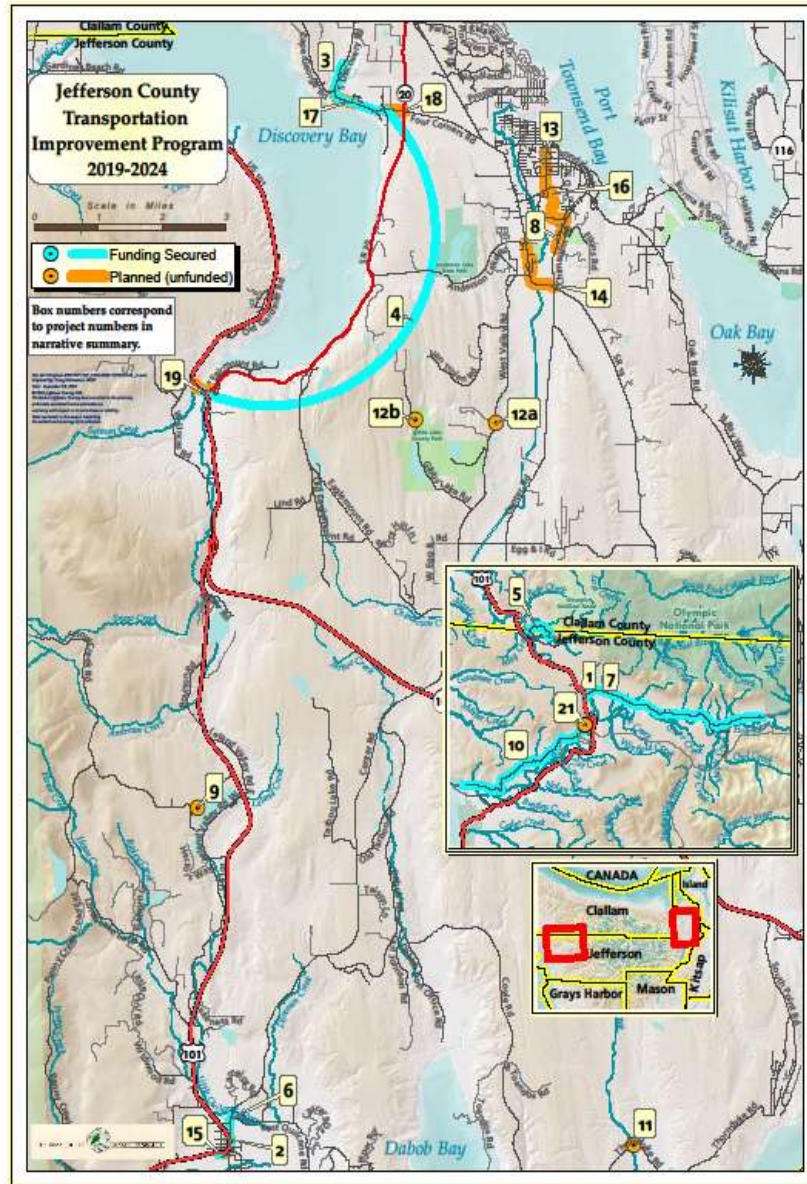
Total # of West County bridges = 19 active  
and 1 permanently closed

Total # of East County bridges = 13 active and  
1 permanently closed

## 2013 FHWA Mandate

Specialized Hauling Vehicle (SHV) class will  
require new load ratings on 22 active bridges  
and potential new postings by Dec. 31, 2022.





BoCC Agenda proposed for  
Public Hearing Notice    October 8  
Adoption                    November 5

Questions

Wendy Clark-Getzin, PE  
360-385-9160  
pubworks@co.jefferson.wa.us